


Please type a plus sign (+) inside this box - ☐

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <i>(Only for new non-provisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	AQUA-018-A	Total Pages	59
	First Named Inventor or Application Identifier			
	Charles G. WILLIAMS			
	Express Mail Label No.			

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>	<b>ADDRESS TO:</b> Commissioner for Patents Box Patent Application Washington, D.C. 20231	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification <span style="float: right;">Total pages: <input type="text" value="44"/></span> <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&amp;D - References to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. § 113) <span style="float: right;">Total pages: <input type="text" value="13"/></span></p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration <span style="float: right;">Total pages: <input type="text" value="2"/></span></p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <i>(Note Box 5 below)</i></p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).</p> <p>5. <input checked="" type="checkbox"/> Incorporation by Reference <i>(useable if Box 4b is checked)</i>. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> <p>6. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i></p> <p>7. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>		

22241 U.S. PTO  
10/697302



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**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement ☐ Copies of IDS Citations  
(IDS) PTO-1449
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☒ Applicant Claims Small Entity Status ☒ Status established in prior application,  
Status still proper and desired
15. ☐ Certified copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Other: Credit Card Payment Form

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

- ☐ Continuation ☒ Divisional ☐ Continuation-in-Part (CIP)

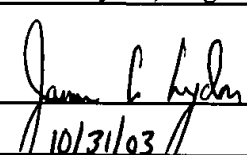
of prior application No. 10/135,368, filed May 1, 2002.

**18. CORRESPONDENCE ADDRESS**

- ☐ Customer Number or Bar Code Label or ☒ Correspondence address below

NAME	James C. Lydon				
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**SIGNATURE OF ATTORNEY OR AGENT**

NAME	James C. Lydon, Reg. No. 30,082
SIGNATURE	
DATE	10/31/03

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Charles G. WILLIAMS et al.

Serial Number: Not yet assigned

Group Art Unit:

Filed: October 31, 2003

Examiner:

For: OVERMOLDING INSERT FOR HEAT EXCHANGER, PROCESS FOR MANUFACTURING  
A HEAT EXCHANGER, AND HEAT EXCHANGER PRODUCED THEREBY

**FEE TRANSMITTAL FORM**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 31, 2003

Sir:

The filing fee for this application is calculated as shown below:

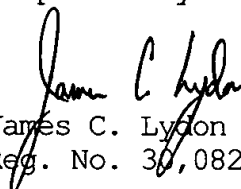
	Number Filed	Number Extra	Rate	Basic Fee \$770.00
Total Claims	16 - 20	0	* x 18.00	
Independent Claims	4 - 3	1	* x 86.00	86.00
Multiple Dependent Claims			+ 290.00	+
Reduction by 1/2 for small entity				428.00
Fee for recording enclosed Assignment				
TOTAL FEE				= \$428.00

XX A Credit Card Payment Form in the amount of \$ 428.00 is attached.

— **Payment of the filing fee is deferred pursuant to 37 C.F.R. § 1.53(f).**

XX Please charge any additional required fees or credit any overpayment to our Deposit Account No. 50-1258. Two copies of this Fee Transmittal are enclosed herewith.

Respectfully submitted,

  
James C. Lydon  
Reg. No. 30,082

Attorney Docket No.: **AQUA-018-A**  
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Charles G. WILLIAMS et al.

Serial Number: Not Yet Assigned

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MANUFACTURING A HEAT EXCHANGER, AND HEAT EXCHANGER  
PRODUCED THEREBY

TRANSMITTAL OF FORMAL DRAWINGS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

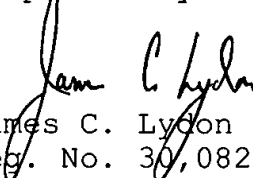
October 31, 2003

Sir:

Transmitted herewith are 13 sheets of formal drawings for this application.

It is not believed that any fee is required for entry and consideration of this Transmittal. Nevertheless, the Commissioner is authorized to charge our Deposit Account No. 50-1258 in the amount of any such required fee.

Respectfully submitted,

  
James C. Lydon  
Reg. No. 30,082

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Enclosures:

13 Sheets of Formal Drawings (Figs. 1-9)